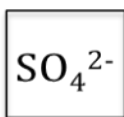


Drawing Diagrams of Particles in Precipitation Reactions

Write the balanced formula equation for the reaction between aqueous solutions of barium chloride and sodium sulfate.

Write the net ionic equation for the above reaction.

Using the designated shapes for each ion as shown below,



draw diagrams for the following processes:

The dissolving of sodium sulfate into water:

The beaker after 1.00 mol of sodium sulfate is combined with 2.00 mol of barium chloride. Show spectator ions and also make sure to pictorially show the ratios of each ion together in the beaker. (Use common sense here. Do not attempt to draw 6.022×10^{23} particles to show 1.00 mole of an ion.)